

REFRIGERATION SYSTEM INCLUDING WATER CHILLING DEVICE

ABSTRACT

A refrigeration system includes a housing and a plurality of pans removably positionable therein. A water chilling system is disposed within the housing and includes a compressor and a water reservoir housing a cooling coil disposed therein. A plurality of pipes are disposed inside and outside the water reservoir respectively for channeling chilled water out of the reservoir and warm water into the reservoir. A pump is disposed within the reservoir and connected to one of the plurality of pipes for pumping chilled water outwardly and away from the reservoir. A plurality of tubes are connected to the plurality of pipes for channeling water away from and towards the plurality of pipes, respectively. The water chilling system further includes a plurality of coils having substantially serpentine shapes selectively positionable within the pans for directing chilled water into the plurality of pans and for cooling the products disposed therein.